

ANTIMOLD BAKING COATING COMPOSITION

Patent number: JP11315227
Publication date: 1999-11-16
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Classification:
- international: B05D3/02; A01N43/647; A01N43/80; C09D5/14; C09D201/00; B05D3/02; A01N43/64; A01N43/72; C09D5/14; C09D201/00; (IPC1-7): C09D5/14; A01N43/647; A01N43/80; B05D3/02; C09D201/00
- european:
Application number: JP19980140590 19980507
Priority number(s): JP19980140590 19980507

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Abstract of JP11315227

PROBLEM TO BE SOLVED: To obtain a coating composition which can give a coating film capable of being baked without discoloration and having a persisting antimold effect by incorporating isothiazoline and/or triazole type antimold organic compounds interposed between the layers of a layered silicate with a resin for baking coating material. SOLUTION: This composition is prepared by incorporating 100 pts.wt. resin for a baking coating material with 0.01-30 pts.wt. antimold consisting of 100 pts.wt. layered silicate prepared by replacing by fluorine atoms the hydroxyl groups of e.g. a smectic, vermiculite, or like layered silicate having a mean particle diameter of 10 μ m or below, and a cation exchange capacity of 0.1 meq/g or above and 0.1-3 pts.wt. isothiazoline and/or triazole type antimold organic compounds interposed between the layers of the silicate. The antimold organic compound used is exemplified by an isothiazoline compound such as 2-n-octyl-4-isothiazolin-3-one or a triazole compound such as 1-(4- chlorophenoxy)-3,3-dimethyl-1-(1H-1,2,4-triazo-1-yl-2-butanone).

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